

Admission/Discharge Form for Infants Born in 2017

Network ID

Hospital ID

Please DO NOT mail or fax this form to the CPQCC Data Center. This form is for internal use ONLY.

Selection Criteria

To be eligible, you MUST answer YES to at least one of the possible criteria (A-C)

A. 401 – 1500 grams Yes No

Yes (Go to item.1, No (Go to Part B)

B. GA range 22 0/7 – 31 6/7 weeks Yes No

Yes (Go to item.1, No (Go to Part C)

C. If > 1500 grams Yes No

Answer ALL entry criteria. To be eligible, MUST answer YES to at least one:

Note: Any infant that was previously discharged home and re-admitted to any location in our hospital (On or before Day 28) for Total Serum Bilirubin=>25mg/dl (427 Micromols/Liter) and/or exchange transfusion is CPQCC eligible.

Death	<input type="checkbox"/> Yes <input type="checkbox"/> No	Hyperbilirubinemia	<input type="checkbox"/> Yes <input type="checkbox"/> No
Surgery requiring Anesthesia	<input type="checkbox"/> Yes <input type="checkbox"/> No	Acute Transport-In	<input type="checkbox"/> Yes <input type="checkbox"/> No
Intubated Vent >4hrs	<input type="checkbox"/> Yes <input type="checkbox"/> No	Acute Transport-Out	<input type="checkbox"/> Yes <input type="checkbox"/> No
Non-Intubated Vent>4 hrs	<input type="checkbox"/> Yes <input type="checkbox"/> No	Early Bacterial Sepsis	<input type="checkbox"/> Yes <input type="checkbox"/> No
Suspected Encephalopathy	<input type="checkbox"/> Yes <input type="checkbox"/> No	Active Therapeutic Hypothermia	<input type="checkbox"/> Yes <input type="checkbox"/> No
or Suspected Perinatal Asphyxia	<input type="checkbox"/> Yes <input type="checkbox"/> No		

Any eligible inborn infant who dies in the delivery room or at any other location in your hospital within 12 hours after birth and prior to admission to the NICU is defined as a "Delivery Room Death." These locations may include the mother's room, resuscitation rooms, or any location other than the NICU in your hospital. Outborn infants and infants who are admitted to the NICU should not be classified as Delivery Room Deaths.

The sections **Identification and Demographics**, and **Delivery and Maternal History** should be filled out when an eligible infant is admitted to your NICU.

The **Post-delivery Diagnoses and Interventions sections** (respiratory, infections, other diagnoses, surgeries, and surgical complications, neurological, and congenital malformations) and the **Initial Disposition section** should be filled out when the baby is discharged for the first time from your center.

The **Transport section** only needs to be filled out if the infant was transported after its initial stay.

IDENTIFICATION AND DEMOGRAPHICS

1. Birth Weight Grams

2. Head Circumference at Birth . cm Unk

3. Best estimate of gestational age (DO NOT leave days blank) a) Weeks b) Days (0-6) Unk

4a. Birth Date (MM/DD) / 2017

4b. Birth Time (00:00 AM/PM) : AM PM

5. Infant Sex Male Female Unk

6. Died in Delivery Room Yes No
(If YES, Use DRD Form)

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7. a) Location of Birth Inborn Outborn Born at Co-Located Hospital (Satellite NICUs Only)
Note: For infants who were previously home, always check Outborn, even if the infant was born at your hospital or was born at the Co-located hospital (for Satellite NICUs only.)

b) Age in Days at Admission to your NICU Date of Birth is day 1

c) Hospital of birth for Outborn infants Unk NA
 If Outborn, enter Code for Birth Hospital

8. Hospital Admission History (Answer only for Outborn infants. Answer Parts a) and b)
Note: The Hyperbilirubinemia items 50 to 52 are activated ONLY IF the infant Was Home after Birth (Item 8a). A home birth does NOT qualify for checking "Previously Discharged Home from a Hospital after Birth."

a) Never Discharged Home from a Hospital after Birth Was Previously Discharged home after Birth NA
b) First Admission to this NICU Readmission to this NICU NA

MATERNAL HISTORY

9. Maternal Date of Birth (MM/DD/YY)

 / / Unk

Maternal Age

 Years Unk

10. Maternal Race/Ethnicity

Answer both Parts a) and b)

a) Is Mother of Hispanic Origin? Yes No Unk

b) Maternal Race (Choose only one)

<input type="checkbox"/> Black	<input type="checkbox"/> Native Hawaiian/ Pacific Islander	<input type="checkbox"/> White
<input type="checkbox"/> Asian	<input type="checkbox"/> American Indian/ Alaska Native	<input type="checkbox"/> Other <input type="checkbox"/> Unk

11. Prenatal Care Yes No Unk

12. Group B Strep Positive Yes No Not Done Unk

13. a) Is there documentation that Antenatal Steroids therapy was initiated before delivery?

Yes No Unk

b) Is there documentation in the medical record of reasons for NOT initiating antenatal steroid therapy before delivery?

(Starting from 2013, this item is only applicable and OPTIONAL for inborn infants who are <32 weeks gestational age.)

Yes No Unk

c) If yes, what was the documented reason for NOT administering antenatal steroids?

(Starting from 2013, this item is only applicable and OPTIONAL for inborn infants who are <32 weeks gestational age.)

<input type="checkbox"/> Chorioamnionitis	<input type="checkbox"/> History of adverse reaction to corticosteroids
<input type="checkbox"/> Other active infection	<input type="checkbox"/> Comfort care
<input type="checkbox"/> Immediate delivery	<input type="checkbox"/> Other
<input type="checkbox"/> Fetus has anomalies incompatible with life	<input type="checkbox"/> NA <input type="checkbox"/> Unknown

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14. Spontaneous Labor	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk
15. a) Multiple Gestation	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk
b) If Yes to multiple gestation, number of infants delivered including stillbirths	<input type="checkbox"/>	<input type="checkbox"/> Unk	<input type="checkbox"/> NA
c) Birth Order	<input type="checkbox"/>	<input type="checkbox"/> Unk	<input type="checkbox"/> NA
16. Delivery Mode (Choose only one)	<input type="checkbox"/> Spontaneous Vaginal	<input type="checkbox"/> Operative Vaginal	<input type="checkbox"/> Cesarean <input type="checkbox"/> Unk
17. Antenatal Conditions (Select all conditions occurring in this pregnancy. If NONE, select the checkbox for "None" in each column)			
Maternal	<input type="checkbox"/> None	<input type="checkbox"/> Diabetes	<input type="checkbox"/> Other Maternal
	<input type="checkbox"/> Hypertension	<input type="checkbox"/> Prev. Cesarean	<input type="checkbox"/> Unk
	<input type="checkbox"/> Chorioamnionitis	<input type="checkbox"/> Antenatal Magnesium Sulfate	<input type="checkbox"/> Other (Specify)
	<input type="checkbox"/> Other Infection		
Fetal	<input type="checkbox"/> None	<input type="checkbox"/> Anomaly	<input type="checkbox"/> Other (Specify)
	<input type="checkbox"/> IUGR	<input type="checkbox"/> Other Fetal	
	<input type="checkbox"/> Distress	<input type="checkbox"/> Unk	
Obstetrical	<input type="checkbox"/> None	<input type="checkbox"/> Malpresentation/Breech	
	<input type="checkbox"/> Preterm (<37 wks) Labor	<input type="checkbox"/> Bleeding/Abruption/Placenta Previa	
	<input type="checkbox"/> Preterm (<37 wks) Premature ROM before onset of labor	<input type="checkbox"/> Other Obstetrical (describe)	
	<input type="checkbox"/> Term Premature ROM (≥37 weeks, before onset of labor, not premature gestation)	<input type="checkbox"/> Unk	
	<input type="checkbox"/> Prolonged ROM (>18 hrs)	<input type="checkbox"/> Other (Specify)	
18. Indication for Cesarean Section (Select at least one)			
<input type="checkbox"/> Not Applicable (No C/S)	<input type="checkbox"/> Multiple Gestation	<input type="checkbox"/> Elective	<input type="checkbox"/> Placental Problems <input type="checkbox"/> Unk
<input type="checkbox"/> Malpresentation/Breech	<input type="checkbox"/> Fetal Distress	<input type="checkbox"/> Dystocia/Failed to Progress	<input type="checkbox"/> Hypertension <input type="checkbox"/> Other (Specify)

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DELIVERY ROOM AND FIRST HOUR AFTER BIRTH

19. a) Apgar Scores

1 Min Unk 5 Min Unk 10 Min Unk Not Done

b) Suspected Encephalopathy or Suspected Perinatal Asphyxia Low 5-Min and/or 10-Min Apgar Score. (Answer only if greater than 1500 grams). (This definition of suspected encephalopathy or suspected perinatal asphyxia is different from the criteria for hypoxic Ischemic encephalopathy (HIE) defined later in item 48 (i.e., not all patients meeting eligibility criteria under suspected encephalopathy or suspected perinatal asphyxia will have HIE according to the HIE definition).

Yes No NA Unk

c) Is there an umbilical cord blood gas or a baby blood gas in the first hour of life available?

(Starting from 2015, only ask if the baby with birthweight greater than 1500grams has any of the following 3 criteria: 1) admitted with suspected encephalopathy or suspected perinatal asphyxia [Yes to item 19b], 2) received active hypothermia [Selective or Whole body to item 22d], or 3) diagnosis with HIE [Yes to item 48].)

Yes No NA Unk

(If yes to item 19b, then ask items 19c, 19d, 19e and 19f.)

c) Source of blood gas

Cord umbilical arterial (UA) Capillary baby gas
 Cord umbilical venous (UV) NA
 Arterial baby gas Unk
 Venous baby gas

d) pH within one hour of life . NA Unk

e) Base deficit . NA Unk

20. Delivery Room Resuscitation

a) Oxygen	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk	d) Endotracheal Tube/Vent	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk
b) CPAP	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk	e) Epinephrine	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk
c) Bag/Mask	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk	f) Cardiac Compressions	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk
		g) Nasal Intermittent Positive Pressure	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unk

21. Surfactant Use

a) Was Surfactant given in the Delivery Room? Yes No Unk

b) Was Surfactant given at any time? Yes No Unk

c) Enter age at first dose: Hrs Min Unk NA

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POST-DELIVERY DIAGNOSES AND INTERVENTIONS—RESPIRATORY

22. Temperature and Cooling for HIE

a) Was the temperature measured within one hour of NICU admission?

Yes No Unk

b) Enter first temperature either in Centigrade or Fahrenheit Degrees:

Too Low to Register NA Unk

Note: The temperature has to be entered even if the infant continued cooling in your NICU or started cooling in your NICU prior to the first temperature.

c) Infant cooling status during stay at your NICU

No Cooling for HIE Cooling Started for HIE Cooling Continued for Transport-In for HIE Unk

d) Cooling Method for HIE

Passive Selective Head Whole Body Other Unk

23. Respiratory Support After Leaving Delivery Room

a) Oxygen Yes No Unk
 b) Intubated Conventional Ventilation Yes No Unk
 c) Intubated HIFI Ventilation Yes No Unk
 d) High Flow Nasal Cannula Yes No Unk
 e) Nasal IMV or SIMV (or any other form of non-intubated assisted ventilation) None ≤ 4 hours > 4 hours Unk

24. Use of Nasal CPAP

a) Nasal CPAP Yes No Unk
 b) If yes to either 20b or 24a, was NCPAP first used before any ETT Ventilation? Yes No Unk NA
 Note: If ETT ventilation was never used, check Yes.

25. Use of Intubated Assisted Ventilation

a) Length of Intubated Assisted Ventilation None ≤ 4 hours > 4 hours Unk
 b) If Intubated Ventilation > 4 hours, specify ventilation time in Days: Days Hours (0-23)
 If you prefer to enter the total number of hours, the infant was ventilated in your NICU, enter total number of hours ventilated: Hours
 Note: The total number of hours ventilated is NOT transmitted to the CPQCC database.

26. Infant Death within 12 Hours of NICU Admission

Yes No Unk

27. Respiratory Distress Syndrome

Yes No Unk

28. Pneumothorax

Yes, here Yes, elsewhere Yes, here & elsewhere No Unk

29. Meconium Aspiration Syndrome

Yes No Unk

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30. Inhaled Nitric Oxide	<input type="checkbox"/> Yes, here	<input type="checkbox"/> Yes, elsewhere	<input type="checkbox"/> Yes, here & elsewhere	<input type="checkbox"/> No	<input type="checkbox"/> Unk
31. ECMO	<input type="checkbox"/> Yes, here	<input type="checkbox"/> Yes, elsewhere	<input type="checkbox"/> Yes, here & elsewhere	<input type="checkbox"/> No	<input type="checkbox"/> Unk
32. Postnatal Steroids					
a) Were postnatal steroids used?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk		
b) If postnatal steroids were used, check all reasons that applied					
<input type="checkbox"/> Chronic Lung Disease (check location):	<input type="checkbox"/> Given here	<input type="checkbox"/> Given elsewhere	<input type="checkbox"/> Given here and elsewhere		
<input type="checkbox"/> Extubation	<input type="checkbox"/> Hypotension/ Blood Pressure	<input type="checkbox"/> Other reason	<input type="checkbox"/> Unk	<input type="checkbox"/> NA	
33. Supplemental Oxygen on Day 28					
<i>Based on birth date and provided, the date of day 28 is [use www.cpqccdata.org CALCULATOR TOOL].</i>					
	<input type="checkbox"/> Continuous	<input type="checkbox"/> Intermittent	<input type="checkbox"/> None	<input type="checkbox"/> NA	<input type="checkbox"/> Unk
34. Respiratory Support at 36 Weeks Adjusted Gestational Age					
<i>Based on birth date and gestational age provided, the date of the first day of week 36 is [use www.cpqccdata.org CALCULATOR TOOL]. To find the Date of Week 36, add the number of days needed to reach 36 Weeks, 0 Days to the infant's gestational age at birth. A chart showing the Date of Week 36 for infants born in 2017 may be downloaded from www.vtoxford.org/downloads.</i>					
a) Supplemental Oxygen at 36 Weeks Adjusted Gestational Age	<input type="checkbox"/> Continuous	<input type="checkbox"/> Intermittent	<input type="checkbox"/> None	<input type="checkbox"/> NA	<input type="checkbox"/> Unk
b) Intubated Conventional Ventilation at 36 Weeks Adjusted Gestational Age	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Unk	
c) High Frequency Ventilation at 36 Weeks Adjusted Gestational Age	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Unk	
d) High Flow Nasal Cannula at 36 Weeks Adjusted Gestational Age	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Unk	
e) Nasal IMV or SIMV at 36 Weeks Adjusted Gestational Age	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Unk	
f) Nasal CPAP at 36 Weeks Adjusted Gestational Age	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Unk	
35. Respiratory Support at Discharge					
<i>(Note: Responses to this item will be ignored if you do not answer item 54, initial disposition from your center)</i>					
a) Apnea/Cardio-Respiratory Monitor	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk		
b) Oxygen	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk		
c) Intubated Mechanical Ventilation	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk		
d) Other Device	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unk		
<i>If Yes, specify: _____</i>					

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POST-DELIVERY DIAGNOSIS AND INTERVENTIONS—INFECTIONS

36. Early Bacterial Sepsis and/or Meningitis on or before Day 3 (Based on the birth date provided, the date of day 3 is

[use www.cpqccdata.org CALCULATOR TOOL].

GBS e.Coli Other, specify organism: _____ No Unk

37. Late Sepsis and/or Meningitis after Day 3 (Based on the birth date provided, the date of day 3 is

[Use www.cpqccdata.org calculator tool]

a) Bacterial Pathogen

GBS e.Coli Other, specify organism: _____ No NA Unk

If GBS, e.Coli, or Other, check location of occurrence: Here Elsewhere Here and Elsewhere

b) Coagulase Negative Staphylococci

Yes, here Yes, elsewhere Yes, here and elsewhere No NA Unk

c) Fungal

Yes, here Yes, elsewhere Yes, here and elsewhere No NA Unk

38. Congenital Viral

Infection: Yes, specify pathogen: _____ NA Unk

POST-DELIVERY DIAGNOSES AND INTERVENTIONS – OTHER DIAGNOSES, SURGERIES, AND SURGICAL COMPLICATIONS

39. a) Patent Ductus Arteriosus

- PDA meeting revised 2012 VON definition
- PDA diagnosis based on echo and/or clinical evidence or was treated for PDA, but not meeting all 2012 VON criteria
- No
- Unk

b) Indomethacin for Any Reason Yes No Unk

c) Ibuprofen for PDA Yes No NA Unk

d) PDA Ligation Yes, here Yes, elsewhere Yes, here & elsewhere No NA Unk

e) PDA Closure by Catheterization Yes, here Yes, elsewhere Yes, here & elsewhere No Unk

40. a) Probiotic Yes No Unk

b) Necrotizing Enterocolitis Yes, here Yes, elsewhere Yes, here & elsewhere No NA Unk

c) NEC Surgery Yes, here Yes, elsewhere Yes, here & elsewhere No NA Unk

41. Focal Intestinal Perforation

Yes, here Yes, elsewhere Yes, here & elsewhere No NA Unk

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42. Retinopathy of Prematurity

Note: Starting from 2013, this section is only applicable to infants 401 to 1,500 grams or 22 to 31 completed weeks of gestation.

- a) Was a retinal exam performed? Yes No NA Unk
- b) If retinal exam was performed,
 enter worst stage of ROP (0-5) NA Unk
- c) Treatment of ROP with Anti-VEGF Drug Yes No NA Unk
- d) ROP Surgery Yes, here Yes, elsewhere Yes, here & elsewhere No NA Unk

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POST-DELIVERY DIAGNOSES AND INTERVENTIONS – HYPERBILIRUBINEMIA

Note: The following items 50 to 52 pertain to ANY infant that was previously discharged home and re-admitted before day 28.

50. Maximum Level of Bilirubin (mg/dl) Found On THIS Re-Admission

- <25 25 - <30 ≥30 NA Unk/Not Done

51. Exchange Transfusion On THIS Re-Admission

- Yes No NA Unk

52. Hospital that Discharged Infant Home Prior to THIS Admission (Note: Enter OSHPD Code. See manual for OSHPD Codes)

Name of Facility: _____

- NA Unk

INITIAL DISPOSITION

Note: Responses in this section will be ignored if you do not answer item 54, initial disposition from your center!

53. Enteral feeding at Discharge

- None Human Milk Only Human Milk with Fortifier or Formula Formula Only Unk

54. Initial Disposition from our center

- Home Died Transported Still Hospitalized as of 1st Birthday Unk

55. Weight at Initial Disposition

Grams

- Unk

56. Head Circumference at Initial Disposition (cm)

. cm

- Unk

57. Initial Discharge Date

(The initial length of stay for this infant is ___ days)

/ / 20
 M M D D Y Y

- Unk

[Use www.cpqccdata.org Calculator tool]

TRANSPORT INFORMATION

Note: If infant was transported to another hospital, complete items 58-60.

58. Reason for Transport

- ECMO Growth/Discharge Planning Medical/Diagnostic Services Surgery Chronic Care
 Insurance Other Reason NA Unk

59. Hospital the infant was transported to: (Note: Enter OSHPD Code. See manual for OSHPD Codes)

Name of Facility: _____

- NA Unk

60. Post-Transport Disposition

- Home – Skip to Question 64 Still hospitalized as of 1st birthday – Skip to Question 64
 Transported again to another hospital – Skip to Question 63 NA
 Died – Skip to Question 64 Unk
 Re-admitted to your hospital – Continue with Question 61

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Complete items 61-62 for infants who were initially transported from your center and then transported back to your center without ever going home.

For these infants, it is necessary to update items 21, 23-25, 27-53 with information that should be obtained from the episode of care at the hospital the infant was transported to and the care upon re-admission to your center.

Note that these items do not need to be tracked for subsequent transports and re-admissions.

61. Weight at Disposition after Re-Admission Grams NA Unk

62. Disposition after Re-Admission

- Home – Skip to Question 64
- Still hospitalized as of 1st birthday – Skip to Question 64
- Transported again to another hospital
- NA
- Died – Skip to Question 64
- Unk

Complete item 63 for infants who were initially transported from your center and then a) either transported again to another hospital, or b) re-admitted to your center and then transported from hospital to another hospital.

63. Ultimate disposition

- Home
- Died
- Still hospitalized as of 1st birthday
- NA
- Unk

64. Last Discharge Date / / 20 NA Unk
M M D D Y Y

Notes: